

## ABSTRACT

A repeater device receives from a first repeater device, which is adjacent to the repeater device on a network, a signature for controlling passage of a packet through the repeater device and determines whether to send the received signature to a second repeater device, which is adjacent to the repeater device on the network, based on contents of the received signature, and sends the received signature to the second repeater device when determining that the received signature is to be sent to the second repeater device.

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